

Data Bus Cables – Quad Ethernet Designs



Blake Data Bus Cables are designed for maximum performance in aircraft applications. Blake Data Bus Cables are lightweight and support Gigabit Ethernet.

Conductor Material:

SPC (Silver Plated Copper) or SPCA (Silver Plated Copper Alloy)

Insulation #1:

Extruded Expanded PTFE

Insulation #2:

Spiral Wrapped and Fused PTFE Tape

Shield #1:

Tinned-Coated Copper Flat Braid, Coverage min.: 90%

Shield #2:

Tinned-Coated Copper Round Braid, Coverage min.: 85%

Jacket:

Material: Extruded FEP

OD: 0.160" ±0.010"

Temperature Rating: -55°C +150°C

1000 Base T Cat 5e Performance

Blake Part Number	AWG	Conductor Material	Capacitance (pF/FT)	Nominal O.D. of Cable (in)	Impedance	Nom. Cable Weight (lbs/1000 ft)
BDB-22Q-100	22	SPC	13.0	.186	100	29
BDB-24Q-100	24	SPCA	13.0	.161	100	22
BDB-26Q-100	26	SPCA	14.5	.137	100	18
BDB-22Q-150	22	SPC	8.5	.271	150	55
BDB-24Q-150	24	SPCA	8.5	.239	150	43
BDB-26Q-150	26	SPCA	8.5	.205	150	30